

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

|                        |                    |
|------------------------|--------------------|
| Attorney Docket Number | 6457-65777         |
| Application Number     | 101 627352         |
| Filing Date            | Filed herewith     |
| First Named Inventor   | Knezevic           |
| Art Unit               | 1641               |
| Examiner Name          | Kartic Padmanabhan |

## U.S. PATENT DOCUMENTS

| Examiner's Initials* | Cite No. (optional) | Number     | Date           | Name                    |
|----------------------|---------------------|------------|----------------|-------------------------|
| <i>KP</i>            |                     | 3,620,947  | Nov. 16, 1971  | Allen <i>et al.</i>     |
|                      |                     | 4,176,069* | Nov. 1979      | Metz <i>et al.</i>      |
|                      |                     | 4,874,691* | Oct. 1989      | Chandler                |
|                      |                     | 4,337,131  | June 29, 1982  | Vesterberg              |
|                      |                     | 4,613,567  | Sept. 23, 1986 | Yasoshima <i>et al.</i> |
|                      |                     | 4,716,101  | Dec. 29, 1987  | Thompson <i>et al.</i>  |
|                      |                     | 4,795,562  | Jan. 3, 1989   | Walsh                   |
|                      |                     | 4,840,714  | Jun. 20, 1989  | Littlehales             |
|                      |                     | 5,047,135  | Sept. 10, 1991 | Nieman                  |
|                      |                     | 5,057,438* | Oct. 15, 1991  | Imai <i>et al.</i>      |
|                      |                     | 5,078,853  | Jan. 7, 1992   | Manning <i>et al.</i>   |
|                      |                     | 5,155,049  | Oct. 13, 1992  | Kauvar <i>et al.</i>    |
|                      |                     | 5,173,159  | Dec. 22, 1992  | Dutertre                |
|                      |                     | 5,238,651  | Aug. 24, 1993  | Chuba                   |
|                      |                     | 5,332,484  | July 26, 1994  | Hilt                    |
| <i>✓</i>             |                     | 5,387,325  | Feb. 7, 1995   | Oppli                   |
| <i>KP</i>            |                     | 5,427,664  | June 27, 1995  | Stoev <i>et al.</i>     |

EXAMINER  
SIGNATURE: *Kartic Padmanabhan*DATE  
CONSIDERED:

6/8/04

\* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

|  |              |                               |                           |
|--|--------------|-------------------------------|---------------------------|
| <b>INFORMATION DISCLOSURE STATEMENT<br/>BY APPLICANT</b> |              | <b>Attorney Docket Number</b> | <b>6457-65777</b>         |
|  |              | <b>Application Number</b>     |                           |
|  |              | <b>Filing Date</b>            | Filed herewith            |
|  |              | <b>First Named Inventor</b>   | Knezevic                  |
|  |              | <b>Art Unit</b>               | 1641                      |
|  |              | <b>Examiner Name</b>          | Kartic Padmanabhan        |
| <i>KP</i>  | 5,438,128*   | Aug. 1995                     | Nieuwkerk <i>et al.</i>   |
| <i>KP</i>  | 5,486,452    | Jan. 23, 1996                 | Gordon <i>et al.</i>      |
|  | 5,650,055    | July 22, 1997                 | Margolis                  |
|  | 5,716,508    | Feb. 10, 1998                 | Starr                     |
|  | 5,741,639    | April 21, 1998                | Ensing <i>et al.</i>      |
|  | 5,843,657    | Dec. 1, 1998                  | Liotta <i>et al.</i>      |
|  | 5,993,627    | Nov. 30, 1999                 | Anderson <i>et al.</i>    |
|  | 6,013,165    | Jan. 11, 2000                 | Wiktorowicz <i>et al.</i> |
|  | 6,064,754    | May 16, 2000                  | Parekh <i>et al.</i>      |
|  | 6,087,134    | July 11, 2000                 | Saunders                  |
| <i>KP</i>  | 6,135,942    | Oct. 24, 2000                 | Leptin                    |
| <i>KP</i>  | 6,232,067* : | May 2001                      | Hunkapiller <i>et al.</i> |

**FOREIGN PATENT DOCUMENTS**

| <b>Examiner's Initials*</b> | <b>Cite No. (optional)</b> | <b>Number</b>      | <b>Date</b>    | <b>Country</b> |
|-----------------------------|----------------------------|--------------------|----------------|----------------|
| <i>KP</i>                   |                            | EP 0 139 373 A1* : | May 1985       | EPO            |
| <i>KP</i>                   |                            | EPO 0 525 723 A2   | Feb. 3, 1993   | Europe         |
| <i>KP</i>                   |                            | WO 98/20353        | May 17, 1998   | PCT/US97/19871 |
| <i>KP</i>                   |                            | WO 98/41863        | Sept. 24, 1998 | PCT/US97/03900 |
| <i>KP</i>                   |                            | WO 00/45168        | Aug. 3, 2000   | WIPO           |

EXAMINER SIGNATURE: *Karti Padmanabhan* DATE CONSIDERED: *6/8/04*

\* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

|  |                                |  |                    |
|--|--------------------------------|--|--------------------|
| <b>INFORMATION DISCLOSURE STATEMENT<br/>BY APPLICANT</b> |                                | <b>Attorney Docket Number</b>  | <b>6457-65777</b>  |
|  |                                | <b>Application Number</b>  |                    |
|  |                                | <b>Filing Date</b>   | Filed herewith     |
|  |                                | <b>First Named Inventor</b>  | Knezevic           |
|  |                                | <b>Art Unit</b>  | 1641               |
|  |                                | <b>Examiner Name</b>   | Kartic Padmanabhan |
| <b>Examiner's<br/>Initials*</b>                          | <b>Cite No.<br/>(optional)</b> | <b>OTHER DOCUMENTS</b>   |                    |
| <i>KP</i>  |                                | Braun and Abraham, "Modified diffusion blotting for rapid and efficient protein transfer with PhastSystem," <i>Electrophoresis</i> 10:249-253, 1989  |                    |
| <i>KP</i>  |                                | Cleeve <i>et al.</i> , "Isoelectric focusing of human tissue alkaline phosphatase isoenzymes in agarose gel," <i>Clinica Chimica Acta</i> , 137:333-340, 1984  |                    |
| <i>KP</i>  |                                | Englert <i>et al.</i> "Molecular profiling of human cancer: New opportunities," <i>Current Opinion Molecular Therapeutics</i> , 1(6):712-719, 1999   |                    |
| <i>KP</i>  |                                | Englert <i>et al.</i> "Layered Expression Scanning: Rapid Molecular Profiling of Tumor Samples," <i>Cancer Research</i> , 60:1526-1530, 2000   |                    |
| <i>KP</i>  |                                | Incze'dy-Marcsek <i>et al.</i> "Extraction of proteins within ultrathin-layer polyacrylamide electrophoresis (SDS-PAGE) and isoelectric focusing (PAGIF) of cryostat sections and tissue culture specimens," <i>Acta histochemica, Suppl.-Band XXXVI</i> , S. 377-394, 1998                      |                    |
| <i>KP</i>  |                                | Pappalardo <i>et al.</i> , "Microdissection, microchip arrays, and molecular analysis of tumor cells (Primary and Metastases)," <i>Seminars in Radiation Oncology</i> 8(3):217-223, 1998*  |                    |
| <i>KP</i>  |                                | Schumacher <i>et al.</i> , "Direct tissue isoelectric focusing on ultrathin polyacrylamide gels. Applications in enzyme, lectin and immunohistochemistry," <i>Histochemical Journal</i> , 22:433-438, 1990   |                    |
| <i>KP</i>  |                                | Schumacher <i>et al.</i> , "Direct Tissue Isoelectric Focusing on Mini Ultrathin Polyacrylamide Gels followed by Subsequent Western Blotting, Enzyme Detection, and Lectin Labeling as a Tool for Enzyme Characterization in Histochemistry," <i>Analytical Biochemistry</i> , 194:256-258, 1991 |                    |
| <i>KP</i>  |                                | van der Sluis <i>et al.</i> , "Immunochemical detection of peptides and proteins on press-blots after direct tissue gel isoelectric focusing," <i>Electrophoresis</i> , 9:654-661, 1988  |                    |

|   |   |
|---|---|
| <b>EXAMINER<br/>SIGNATURE:</b> <i>Kartic Padmanabhan</i>  | <b>DATE<br/>CONSIDERED:</b> <i>6/8/04</i> |
| <p>* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> |   |



**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

|                        |               |
|------------------------|---------------|
| Attorney Docket Number | 6457-65777    |
| Application Number     | 10/627,352    |
| Filing Date            | July 25, 2003 |
| First Named Inventor   | Knezevic      |
| Art Unit               | 1645          |
| Examiner Name          |               |

| Examiner's Initials* | Cite No. (optional) | OTHER DOCUMENTS   |
|----------------------|---------------------|---|
| KP                   |                     | Demczuk <i>et al.</i> , "Identification and analysis of all components of a gel retardation assay by combination with immunoblotting," <i>Proc. Natl. Acad. Sci. USA</i> 90:2574-2578, April 1993                       |
| KP                   |                     | Heukeshoven and Dernick, "Effective blotting of ultrathin polyacrylamide gels anchored to a solid matrix," <i>Electrophoresis</i> 16:748-756, 1995  |
| KP                   |                     | Legocki and Verma, "Multiple Immunoreplica Technique: Screening for Specific Proteins with a Series of Different Antibodies Using One Polyacrylamide Gel," <i>Anal. Biochem.</i> 111:385-392, 1981                      |
| KP                   |                     | Manabe <i>et al.</i> , "An Electroblotting Apparatus for Multiple Replica Technique and Identification of Human Serum Proteins on Micro Two-Dimensional Gels," <i>Anal. Biochem.</i> 143:39-45, 1984                    |
| KP                   |                     | Neumann and Müllner, "Two replica blotting methods for fast immunological analysis of common proteins in two-dimensional electrophoresis," <i>Electrophoresis</i> 19:752-757, 1998                                      |
| KP                   |                     | Olsen and Wiker, "Diffusion blotting for rapid production of multiple identical imprints from sodium dodecyl sulfate polyacrylamide gel electrophoresis on a solid support," <i>J. Immunol. Methods</i> 220:77-84, 1998 |
| KP                   |                     | Sanchez <i>et al.</i> , "Simultaneous analysis of cyclin and oncogene expression using multiple monoclonal antibody immunoblots," <i>Electrophoresis</i> 18:638-641, 1997   |
|                      |                     |   |
|                      |                     |   |
|                      |                     |   |
|                      |                     |   |
|                      |                     |   |

|  |                            |
|--|----------------------------|
| EXAMINER SIGNATURE: <i>Kanta Bodnaroff</i> | DATE<br>CONSIDERED: 6/8/04 |
|--|----------------------------|

\* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.